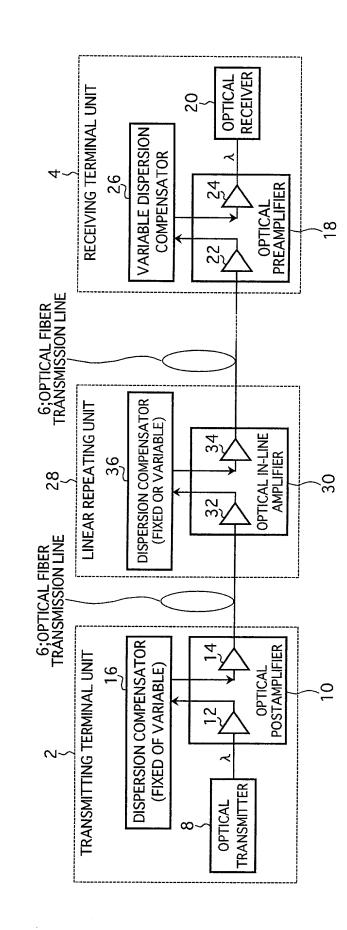
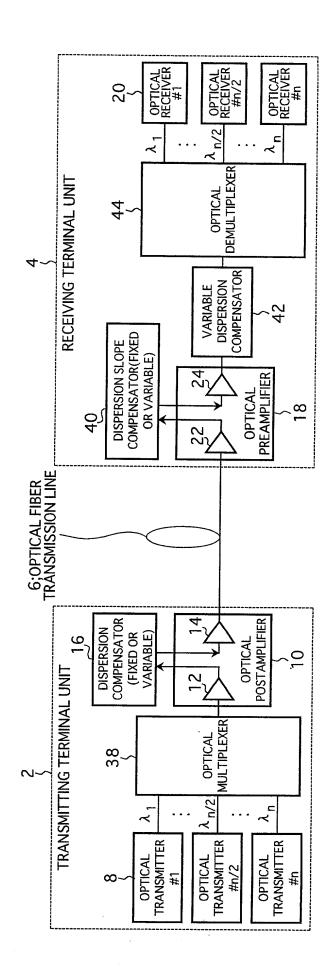


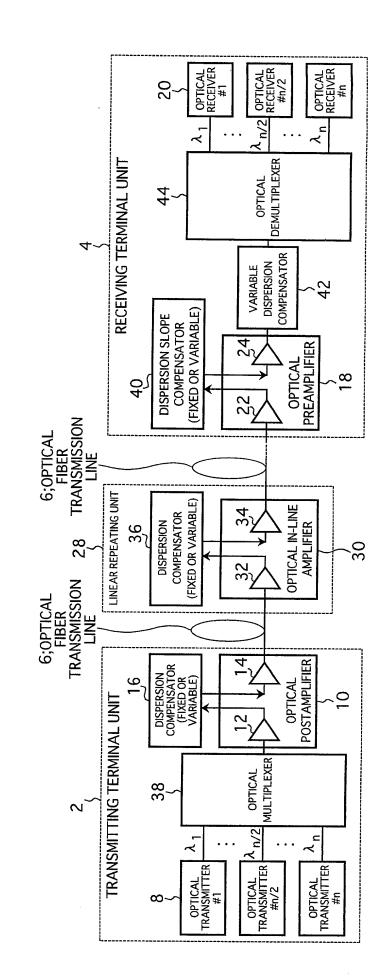
F | G. 2

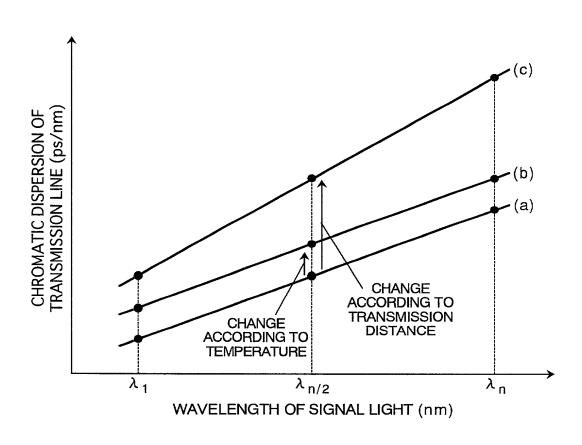


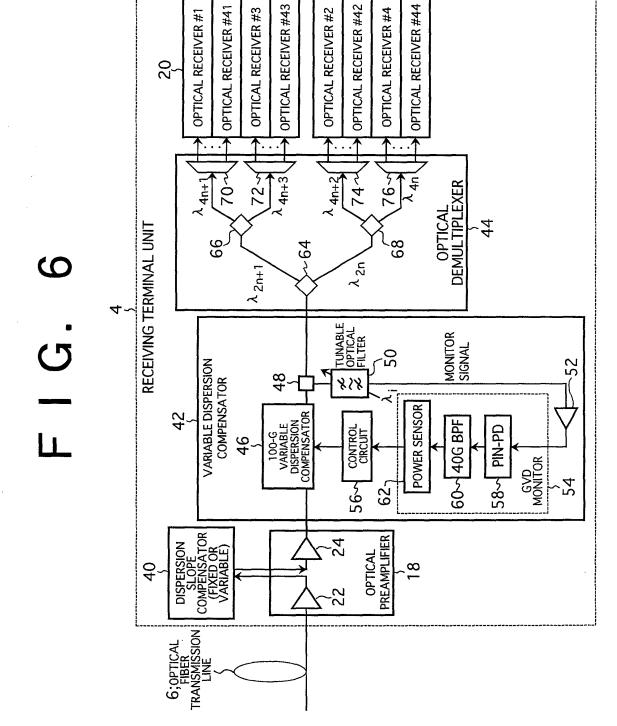
F | G. 3

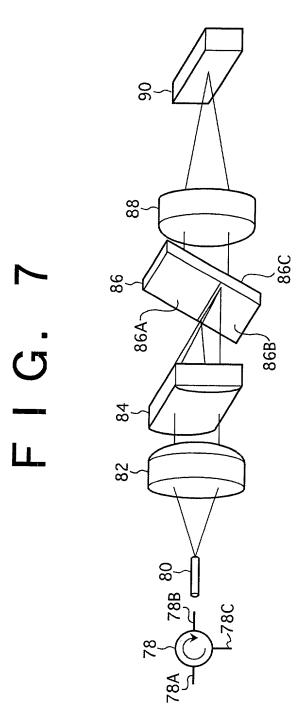


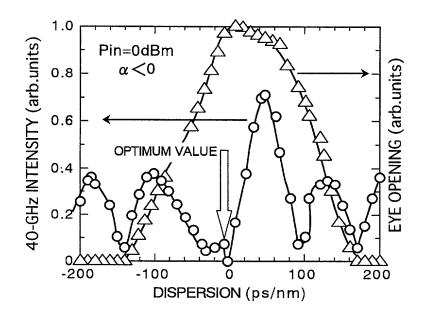
F | G. 4

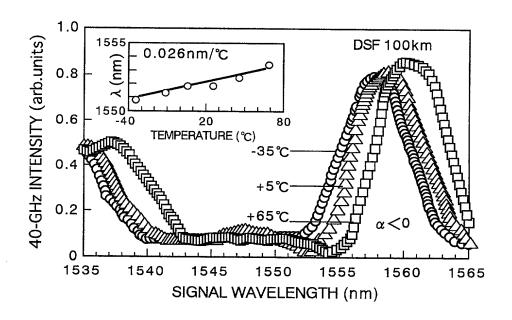




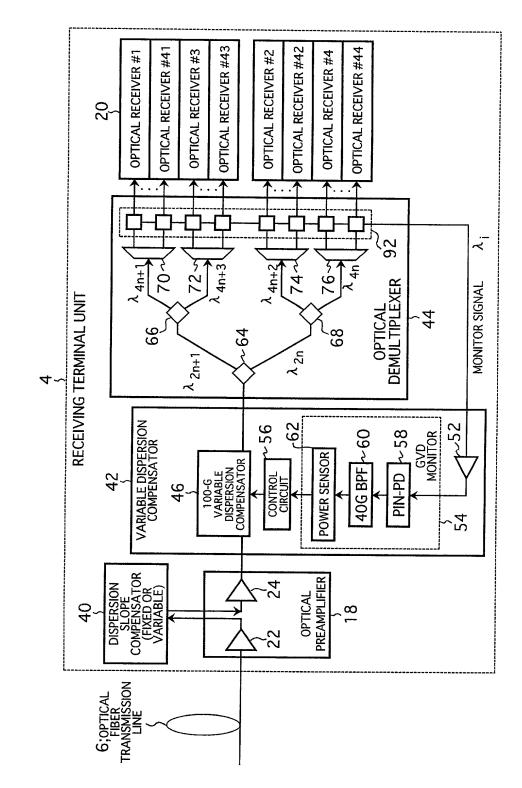




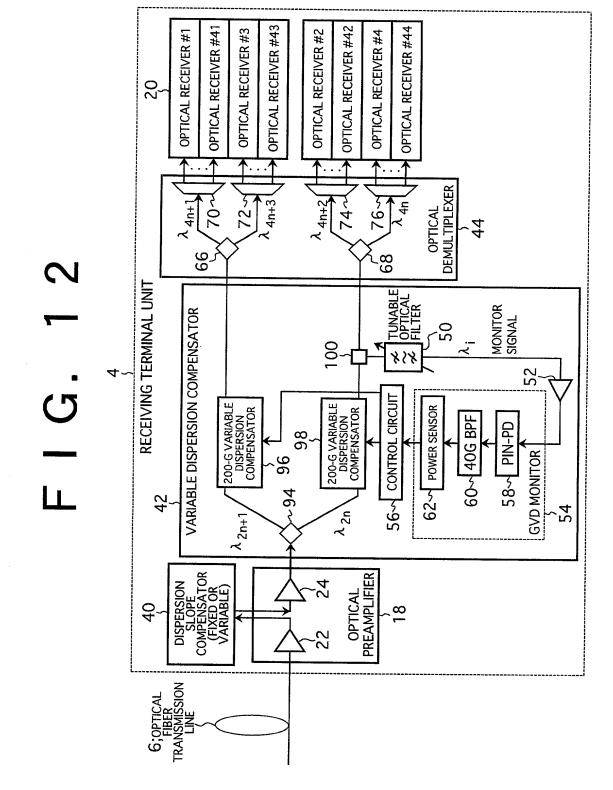


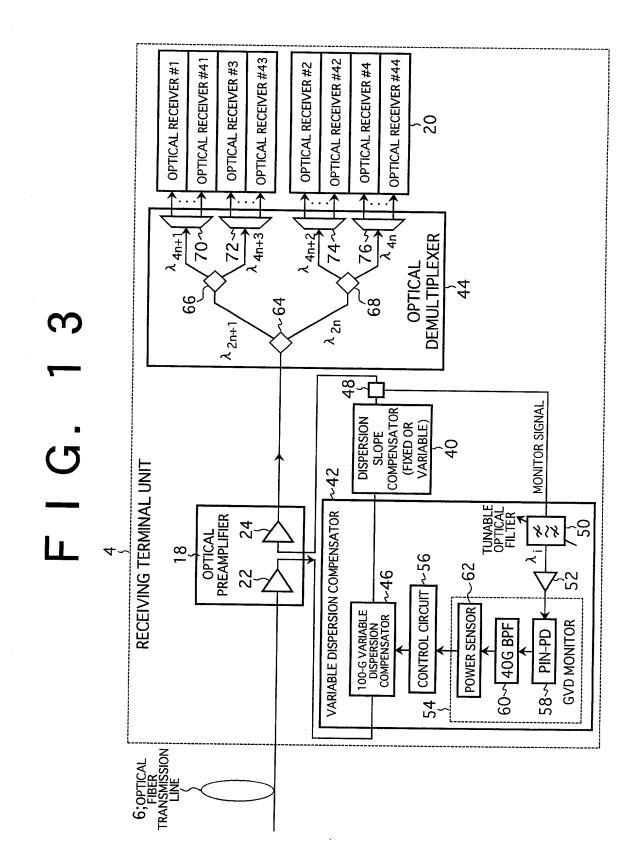


F G. 10

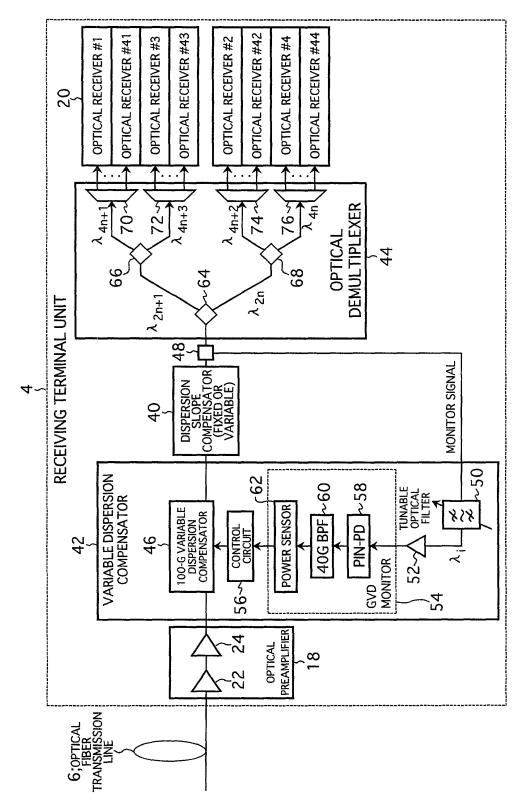


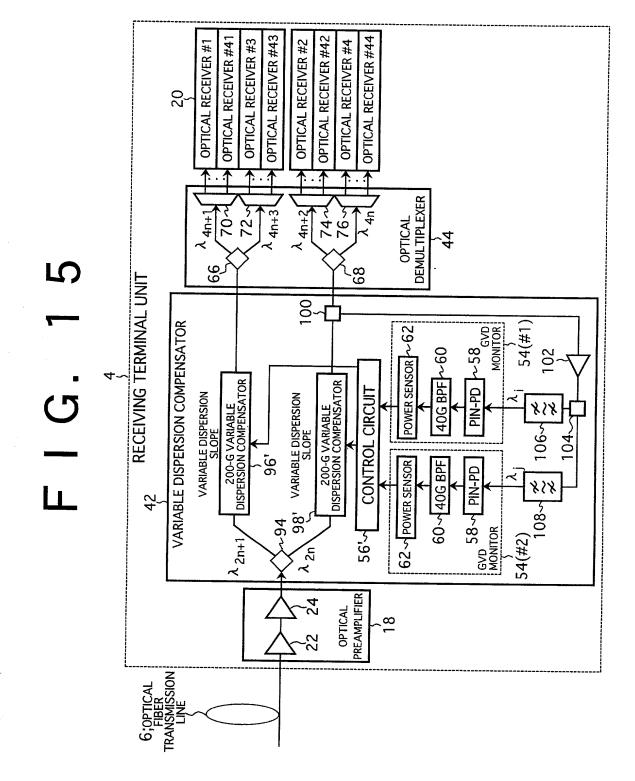
→ OPTICAL RECEIVER #43 → OPTICAL RECEIVER #42 → OPTICAL RECEIVER #44 ◆ OPTICAL RECEIVER #4 → OPTICAL RECEIVER #41 → OPTICAL RECEIVER #3 → OPTICAL RECEIVER #1 → OPTICAL RECEIVER #2 OPTICAL DEMULTIPLEXER 7 4n+1 A 4n+2 MONITOR SIGNAL RECEIVING TERMINAL UNIT 99 λ_{2n} (1 2n+1/ VARIABLE DISPERSION COMPENSATOR 100-G VARIABLE DISPERSION COMPENSATOR CONTROL 46 42 DISPERSION SLOPE COMPENSATOR (FIXED OR VARIABLE) OPTICAL PREAMPLIFIER <u>8</u> 6;OPTICAL FIBER TRANSMISSION LINE

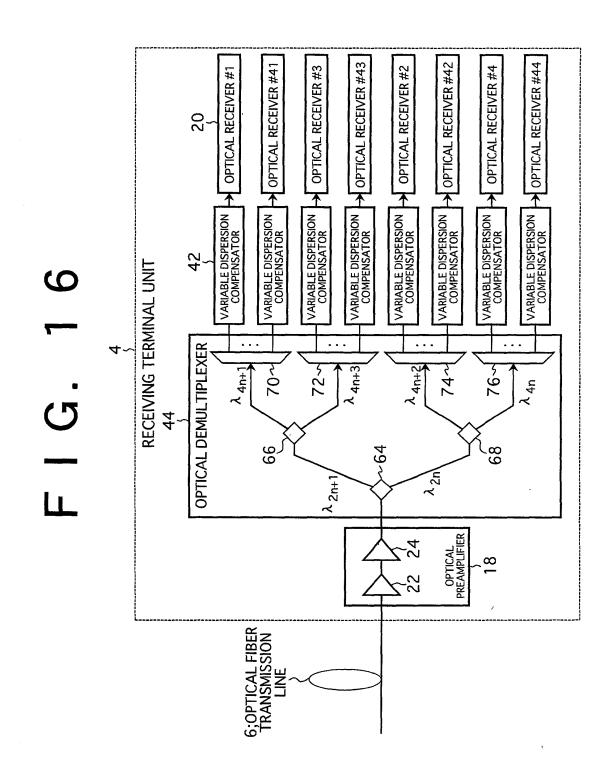




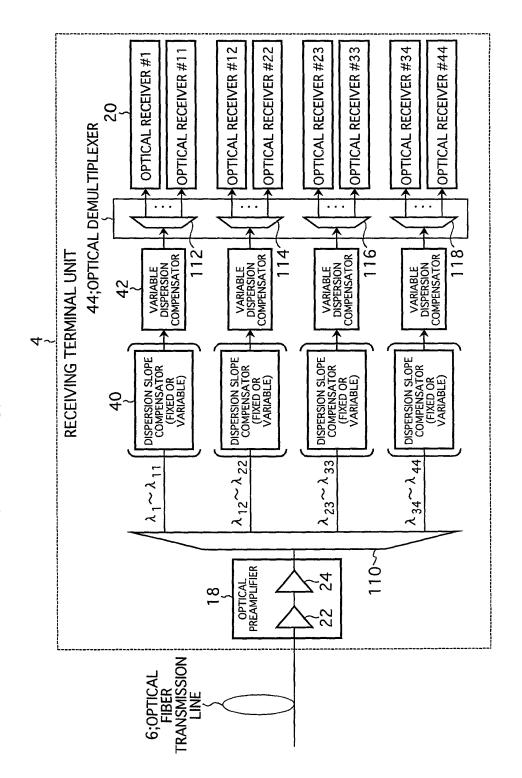
F - G. 14







F | G. 17



F G . 18

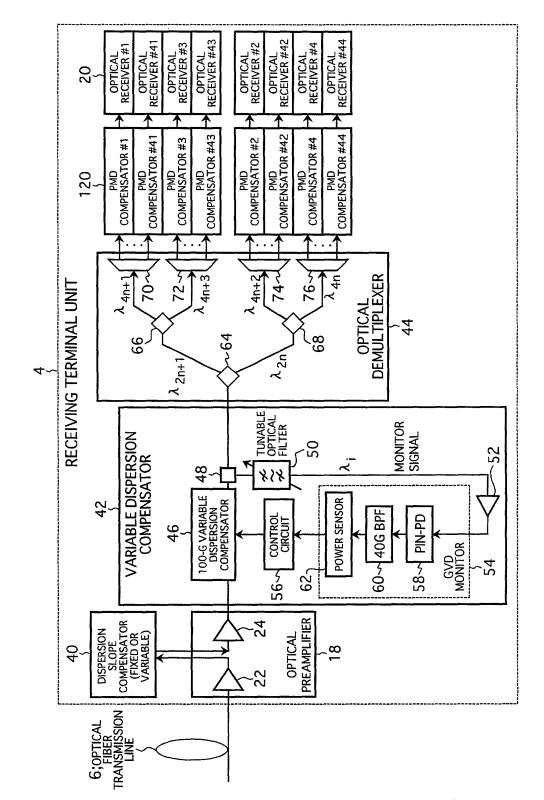
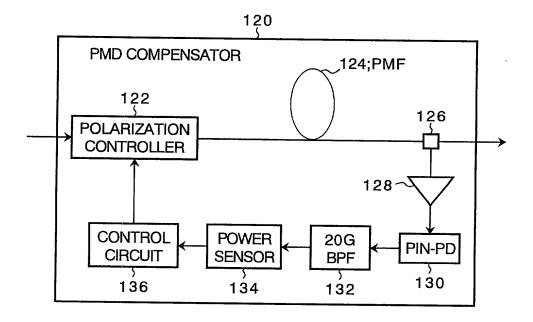
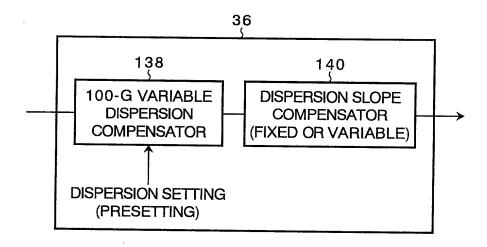
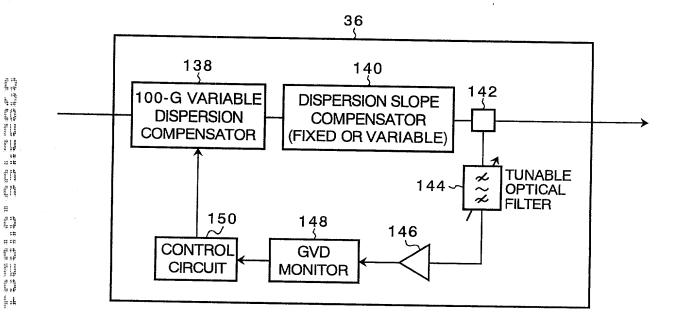
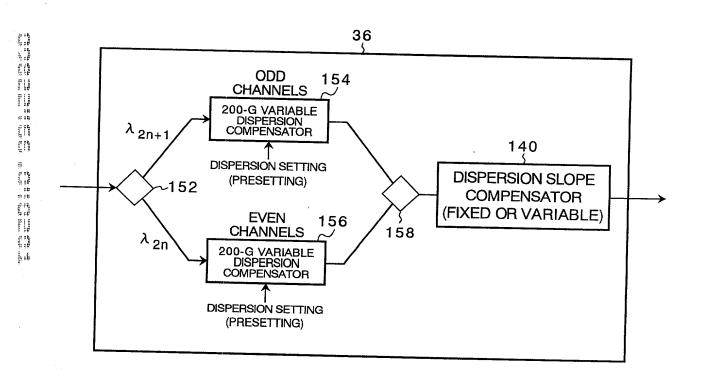


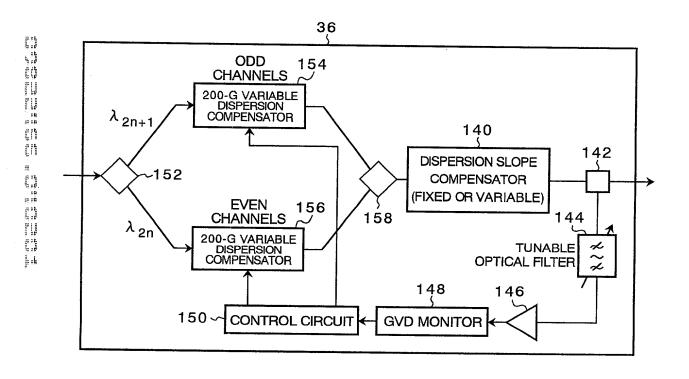
FIG. 19



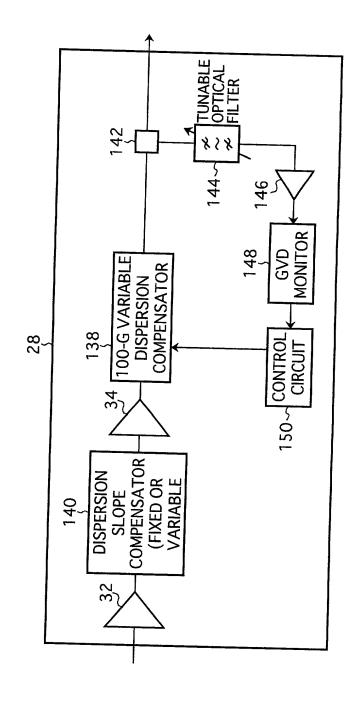




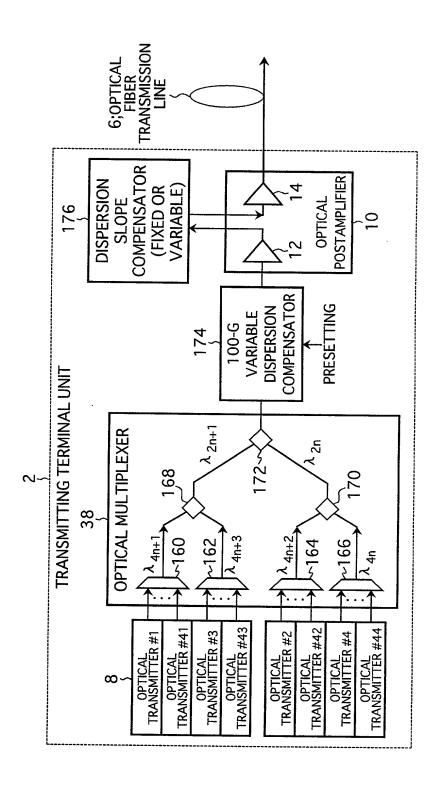




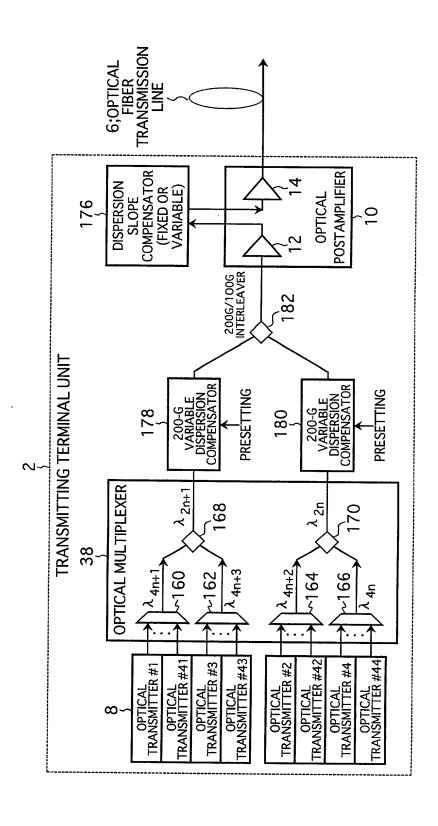
F I G. 24

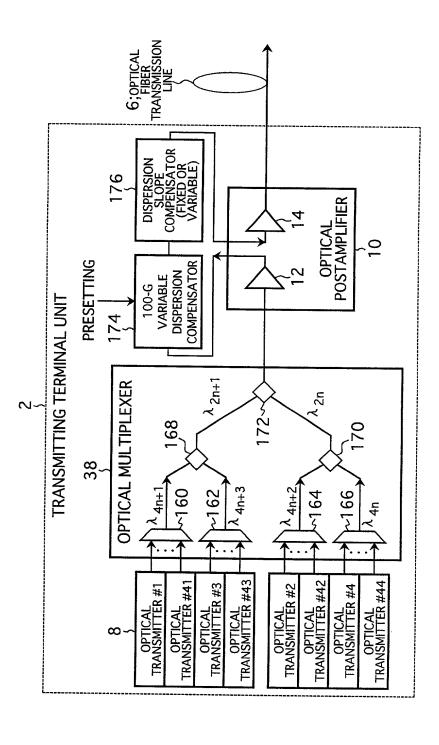


F | G | 25

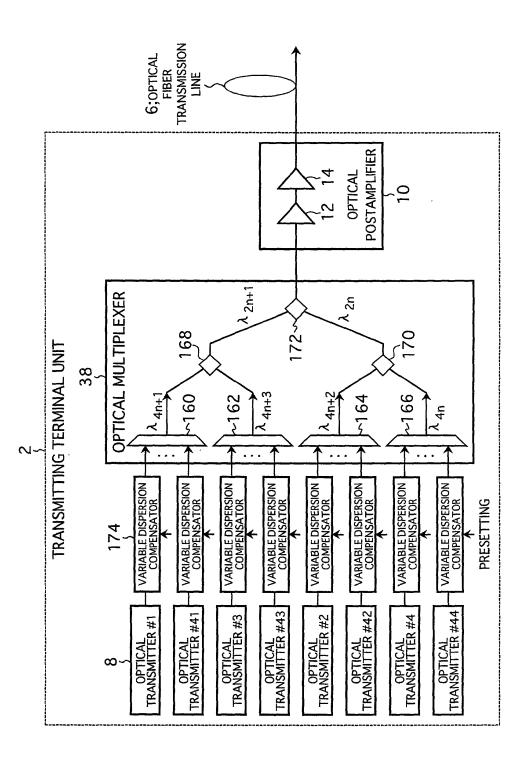


F I G. 26

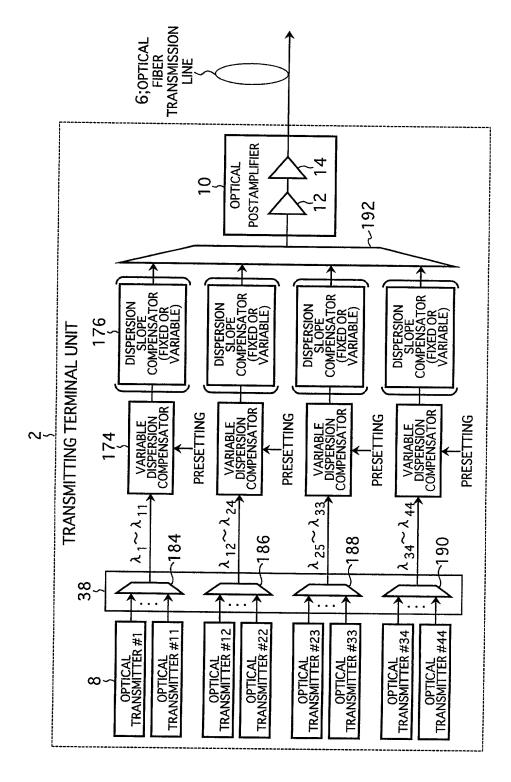




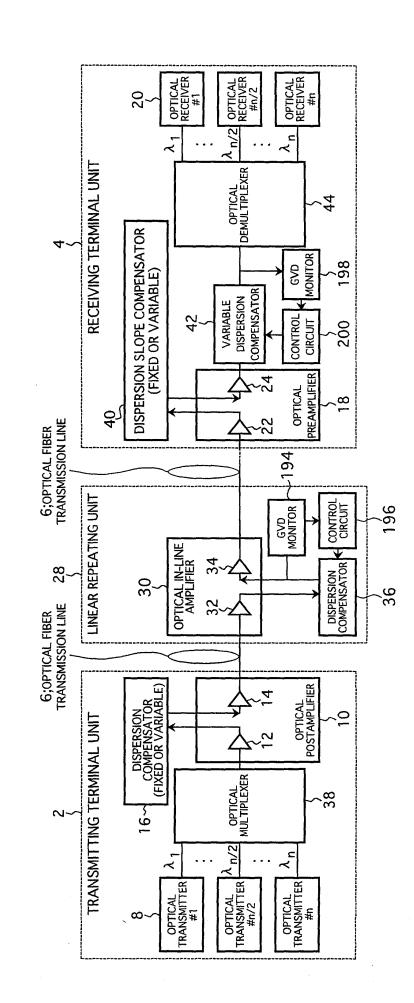
F I G. 28



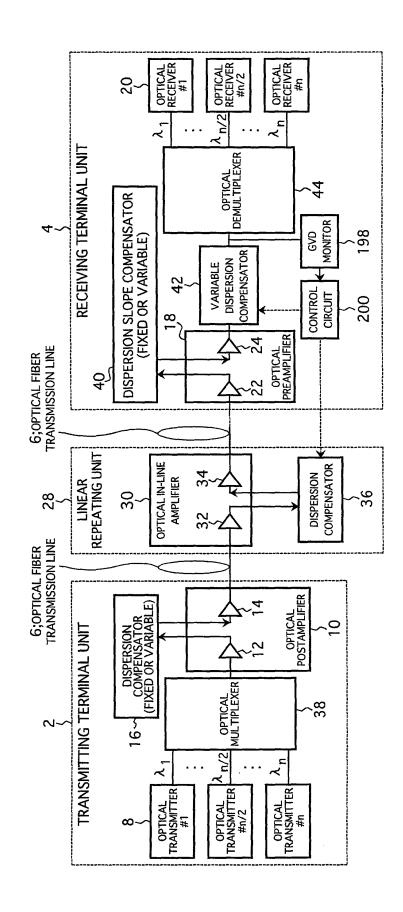
F I G. 29



F G 30



F G. 3



OPTICAL RECEIVER #3 OPTICAL RECEIVER #43 OPTICAL RECEIVER #42 OPTICAL RECEIVER #4 OPTICAL RECEIVER #44 OPTICAL RECEIVER #1 OPTICAL RECEIVER #41 OPTICAL RECEIVER #2 OPTICAL DEMULTIPLEXER 4n+31 A 4n+2 γ 4n+1 70₂ 89 RECEIVING TERMINAL UNIT TUNABLE OPTICAL FILTER MONITOR SIGNAL MONITOR SIGNAL 42~ VARIABLE DISPERSION COMPENSATOR 100 100 818 818 50 125 ₹25 200-G VARIABLE DISPERSION COMPENSATOR 200-G VARIABLE DISPERSION COMPENSATOR 56~ CONTROL CIRCUIT 56 S CONTROL CIRCUIT POWER SENSOR 60~40G BPF 60~ 40G BPF 62 → POWER SENSOR 58~ PIN-PD 58~ PIN-PD GVD MONITOR **GVD MONITOR** λ_{2n+1} 62 86 ₩96 ^ 2n 94 545 DISPERSION SLOPE COMPENSATOR (FIXED OR VARIABLE) PREAMPLIFIER OPTICAL 6 6;OPTICAL FIBER TRANSMISSION LINE

